

REPORTS ON THE FLORA OF THE BOSTON
DISTRICT,—XXVII.

POTENTILLA.

P. ANSERINA L. Made land, South Boston (*C. E. Perkins*, June —, 1882). Specimen in herb. N. E. Botanical Club. A waif in this region, being a native of western North America from Mexico northwards, also of Eurasia.

P. argentea L. Dry sunny places, very common throughout.

P. arguta Pursh. Rocky soil in woods and pastures, occasional from Blue Hills northward.

P. canadensis L. Dry soil, common throughout.

P. canadensis L., var. **simplex** (Michx.) T. & G. As common as the typical form and not easily distinguishable from it after flowering.

P. fruticosa L. Swamps (in our territory). Reported as abundant at Ipswich, Essex, Rockport, Lynnfield and Groton; scattered bushes at twelve other stations from Norfolk north and northeast.

P. INTERMEDIA L. Roadside, Cambridge (*M. L. Fernald*, June 15, 1891.)

P. monspeliensis L. Dry sunny places, common throughout.

P. monspeliensis L., var. **NORVEGICA** (L.) Rydb. Introduced in waste places; Manchester, Beverly, Boston, South Boston, Scituate.

P. pacifica Howell. See *RHODORA* xi. 1–9, 1909. Salt marshes, common all along the coast.

P. palustris (L.) Scop. Swamps and ditches, occasional from Canton and Needham northward.

P. palustris (L.) Scop., f. **subsericea** (Becker) Wolf. Dedham (*S. Harris*, June 13, 1897). Specimen in herb. N. E. Botanical Club. For discussion of this form see *Fernald & Wiegand*, *RHODORA* xii. 111, 140, 1910; *S. F. Blake*, *ibid.* xv. 165–166, 1913; *Fernald & Long*, *ibid.* xvi. 10, 1914.

P. palustris (L.) Scop., var. **villosa** (Pers.) Lehm. See *RHODORA* xi. 48, 1909 and xvi. 10, 1914. Dedham (*J. R. Churchill*, July 18, 1891); Millpond on Charles River, South Natick (*K. M. Wiegand & Margaret Heatley*, June 30, 1908). Specimen in herb. Wellesley College.

P. pumila Poir. Dry fields and pastures, very common throughout.

P. pumila Poir., f. **ochroleuca** C. A. Weatherby. See RHODORA xi. 152-3, 1909. Roadside in dry gravelly soil, Cambridge (*M. L. Fernald & C. A. Weatherby*, May 26, 1909).

P. RECTA L. Dry fields and roadsides, occasional.

P. REPTANS L. Lawn of Gray Herbarium, Cambridge (*M. L. Fernald et al.* June 27, 1900 to 1910), Now eradicated.

P. tridentata Ait. Rocky and sandy places, Plum Island in Ipswich, Hamilton, Salem, Gloucester, Rockport, Marblehead, Wilmington.

PRUNUS.

P. AMERICANA Marsh. Roadside near house, E. Boxford (*J. Robinson*, May 5, 1891); roadside escape in dry soil, Halifax (*C. H. Knowlton & A. S. Pease*, May 30, 1907). Native from Connecticut south and west.

P. AVIUM L. Persistent and spontaneous in many places.

P. CERASUS L. Small, late-bearing trees between Topsfield and Beverly (*C. E. Faxon & J. Robinson*, May 19, Sept. 3, 1891.)

P. cuneata Raf. Dry sand and gravel; not reported from south-east towns, but frequent elsewhere.

P. INSTITITIA L. Found "in the woods near Mt. Auburn" by Wm. Oakes, whose specimen is in the Gray Herbarium, and observed as lately as 1913 by Mr. Walter Deane, by the Charles River marsh, on the eastern slope of Cambridge Cemetery; Weld Farm, W. Roxbury (*E. & C. E. Faxon*, Aug. 21, 1882 et seq.); "Holbrook Estate," Percival St., Dorchester (*J. R. Churchill*, May 19, 1897).

Emerson in *Trees and Shrubs of Massachusetts*, 450, 1846, says: "A bush or small tree, found on the banks of Charles River, in Cambridge, by road-sides at Cohasset, and in other places in the vicinity of Boston This plant was first pointed out to me by my friend E. Tuckerman, and I have since repeatedly met with it."

P. MAHALEB L. South Salem (*J. H. Sears*, June 15, 1887). Introduced from southern France in old gardens, and spontaneous. Specimen in herb. Peabody Acad. Sci.

P. maritima Wang. Dry sandy soil, common on or near the shore; it follows up the Merrimac River to Tyngsboro, thirty miles from the sea, and from there south to Concord, Billerica and Burlington.

P. NIGRA Ait. A rare escape from cultivation.

P. pennsylvanica L. f. Copses and dry woods, common throughout.

P. PERSICA (L.) Stokes. Spontaneous seedlings at South Boston, Dedham, Blue Hills and Hingham; probably elsewhere.

P. serotina Ehrh. Dry open woods and roadsides, very common throughout.

P. virginiana L. Borders of thickets and open woods, common throughout.

PYRUS.

P. americana (Marsh.) DC. Moist woods, Essex County, from Wm. Oakes's time to the present, rare.

P. arbutifolia (L.) L. f. Thicket west side of Stetson Pond, Pembroke (*M. L. Fernald*, October 29, 1916). Specimen in herb. N. E. Botanical Club.

P. arbutifolia (L.) L. f., var. **atropurpurea** (Britton) Robinson. Swamps and low woods, common throughout.

P. AUCUPARIA (L.) Ehrh. Thickets and old fields, frequent.

P. BACCATA L. Woods, S. Natick (*J. R. Churchill*, Aug. 29, 1908).

P. COMMUNIS L. Woods and thickets, occasional.

P. MALUS L. Pastures and thickets, frequent throughout.

P. melanocarpa (Michx.) Willd. Wet meadows, also ledgy upland, very common throughout.

P. AUCUPARIA L. \times **melanocarpa** (Michx.) Willd. Ipswich (*W. P. Alcott*, May 26, 1908); Pigeon Cove woods, Rockport (*Miss M. E. Carter*, October, 1905); moist meadow, Andover (*A. S. Pease*, July 10, 1902); escape, Hillside St., Milton (*J. R. Churchill*, Sept. 18, 1887).

ROSA.

R. CANINA L. Roadside, Prospect Hill, Andover (*A. S. Pease*, June 28, 1904); a single bush on "made land," Westland Ave., Boston (*C. W. Swan*, June 19, 1885); Center St., Jamaica Plain (*E. & C. E. Faxon*, July 1, 1888).

R. carolina L. Swamps and wet places, common.

R. CINNAMOMEA L. Persistent around old places, occasional.

R. GALLICA L. Escaped and well established at Andover and Canton, probably elsewhere.

R. humilis Marsh. Dry soil, apparently common.

R. nitida Willd. Swamps, frequent.

R. RUBIGINOSA L. Dry fields and roadsides, well distributed but seldom abundant.

R. RUBIGINOSA L., var. **MICRANTHA** (Sm.) Lindl. Occasional.

R. RUGOSA Thunb. Thoroughly escaped at Newburyport, Rockport, Revere and Cambridge. Earliest report 1905. Native of North China, Korea and Japan.

R. virginiana Mill. Moist soil along the seashore and inland, apparently common. Many specimens identified as this species and as *R. humilis* seem to be indistinguishable from each other, and can not be separated readily.

RUBUS.

R. allegheniensis Porter. Dry thickets, common.

R. Andrewsianus Blanchard. Cohasset and the shore towns south, perhaps inland. A late fruiting blackberry with rigid thorns and impressed veins in leaves.

R. frondosus Bigel. Dry thickets, apparently not common. Originally described by Jacob Bigelow in *Florula Bostoniensis*, 2d ed., 199–200, 1824.

R. hispidus L. Wet woods and swamps, common throughout.

R. idaeus L. var. **aculeatissimus** [C. A. Mey.] Regel & Tiling. Dry open places, common.

×? **R. neglectus** Peck. Andover (*A. S. Pease*, June 14, 1903); Rockport (*E. B. Bartram*, Sept. 13, 1908); thicket, Lynnfield (*M. L. Fernald*, June 16, 1907); roadside, Concord (*W. Deane*, June 5, 1892).

R. occidentalis L. Thickets and fence-rows, frequent throughout.

R. odoratus L. Rich woods, occasional in Essex and Middlesex Counties; sometimes spontaneous from cultivation, as at Cambridge, Sharon and Scituate.

R. pergratus Blanchard. Occasional from Norwood north.

R. pubescens Raf. (*R. triflorus* Richards. See RHODORA xi. 236–7, 1909). Swamps and wet woods, frequent.

R. pubescens Raf., var. **pilosifolius** A. F. Hill. See RHODORA xvi. 151–2, 1914. Purgatory swamp, Norwood (*C. E. Faxon*, May —, 1878). Specimen in Gray Herb.

R. recurvans Blanchard. Occasional.

R. setosus Bigel. Wet places, occasionally on dry upland, common.

R. TRIPHYLLUS Thunb. Vacant lot, Back Bay, Boston (*W. P.*

Rich & C. H. Knowlton, June 26, 1907 et seq.). A native of Japan, escaped from Fenway.

R. procumbens Muhl. (*R. villosus* of Gray's Manual ed. 7 not L.). Dry sand and gravel; very common, especially near the coast.

SANGUISORBA.

S. canadensis L. Common and abundant in meadows and edges of salt-marshes in all the Essex County shore towns from Salisbury to Rockport, and in the second tier of towns in Georgetown, Boxford, Topsfield and Hamilton; also considerable stations in Dracut, Bedford and Littleton.

S. MINOR Scop. One station in a hayfield, Wellesley (*K. M. Wiegand*, June 5, 1908).

SORBARIA.

S. SORBIFOLIA (L.) A. Br. Escaped and difficult to exterminate, Beverly (*Frank Stone*, July 1, 1879); escaped and well established, Milton (*E. F. Williams*, June 30, 1895). Often persistent around old places.

SPIRAEA.

S. latifolia (L.) Borkh. Dry or moist soil in open places; very common throughout.

S. PRUNIFOLIA Sieb. & Zucc. Rocky knoll, spreading near site of old greenhouse, Arlington (*C. A. Weatherby*, Aug. 24, 1908); persistent by roadside near old garden, Sudbury (*A. H. Moore*, May 28, 1905).

S. tomentosa L. Old fields and pastures, common throughout.

S. tomentosa L., f. **albiflora** Macbride. RHODORA xvii. 142-143, 1915. Occasional.

[*Waldsteinia fragarioides* (Michx.) Trattinick. There is a good specimen of this in the herbarium of the Peabody Academy of Science, collected by Miss M. W. Nichols in Horswell's woods, Danvers, May 15, 1891. The suggestion is made on the label that it may have been introduced, which seems possible, as this station is so far out of range.]

C. H. KNOWLTON } Committee on
WALTER DEANE } Local Flora.